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--60. Method as claimed in claim 14, wherein an analyte-specific modified solid phase reactant is used which is a conjugate with a partner of a high affinity binding pair.--

--61. Method as claimed in claim 60, wherein an analyte-specific modified solid phase reactant selected from analyte-specific antibodies, antigens, nucleic acids, nucleic acid analogues and lectins is used.--

--62. Method as claimed in claim 14 wherein unspecific binding to the solid phase is reduced.--

--63. Method for detection of any analyte in a sample, comprising the steps:

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(a) forming a conjugate of a poly(C₂C₃)-alkylene oxide and an analyte-specific reactant that interacts with the analyte, then

(b) preparing a solid phase by applying thereto the conjugate of the poly(C₂-C₃)-alkylene oxide and the analyte-specific reactant that interacts with the analyte such that the conjugate is immobilized,

(c) incubating the sample with the solid phase and a detection reagent that provides a detectable indication of the presence or/and amount of the analyte, such that any analyte in the sample binds to the reactant bound to the solid phase and

(d) detecting the presence or/and the amount of the analyte in the sample with the detectable indication.--